SONY

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VAIO

VGN-FW31M

Ultimate screen experience

Powerful entertainment notebook with real wide screen and Blu-ray Disc™ drive

VAIO Europe official website
http://www.vaio.eu/

VAIO Europe official website
http://www.vaiopro.eu/

KEY FEATURES

- Large 16.4" X-black LCD display for sharp and bright pictures
- Real wide screen with 1600x900 resolution styled in a compact magnesium chassis
- Blu-ray Disc™ drive for data storage, watching HD movies and creating HD content
- Powerful Intel® Centrino® 2 processor technology and ATI® Mobility Radeon™ graphics

TECHNICAL SPECIFICATIONS

Operating System

Operating System	Genuine Windows Vista® Home Premium
Microsoft® Windows® Service Pack	1

Architecture

Platform	Intel® Centrino® 2 processor technology
Chipset	Mobile Intel® PM45 Express Chipset

Colour

Cover Colour	Silver

CPU Section

Processor Name	Intel® Core™2 Duo Processor P8600, Supports Enhanced Intel SpeedStep® Technology
Processor Manufacturer	Intel®
Processor Speed (GHz)	2.4
L2 Cache (MB)	3
Frontside Bus (MHz)	1066
Number of Cores	2

Memory

Memory Size (GB)	4
Memory Speed (MHz)	800
Memory Type	DDR2 SDRAM (2x2GB)
Max. Supported Memory (GB)	4
Max Memory Comment	In the case of 4GB, a portion of the system memory over 3GB might not be available to the 32bit operating system

Drives

Hard Drive Capacity (GB)	500
Hard Drive Type	Serial ATA
Hard Drive Speed (rpm)	4200
Optical Drive Type	Blu-ray Disc™ Drive (reader/writer): BD-R/-RE/-ROM/ DVD+-RW/+-R DL/RAM Drive
Optical Drive Fitting	Built-in

Drives Speed

Write	CD-R x24, CD-RW x16, DVD-R DL x4, DVD-R x8, DVD-RW x6, DVD+R DL x4, DVD+R x8, DVD+RW x6 , DVD-RAM x5, BD-Rx4, BD-RE x2, BD-R DL x4, BD-RE DL x2
Read	CD-ROM x24, CD-R x24, CD-RW x24, DVD x8, DVD-R DL x6, DVD-R x8, DVD-RW x6, DVD +R DL x6, DVD+R x8, DVD+RW x6, DVD-RAM x5, BD-ROM x4, BD-Rx4, BD-RE x2, BD-RE DL x2, BD-R DL x2

Display

Screen Type	X-black LCD
Diagonal Size (in)	16.4
Resolution	1600x900
Aspect Ratio	16:9
Resolution Type	WXGA++

Graphics

Graphic Card Name	ATI Mobility Radeon™ HD 3470
Total Graphics Memory	Total available graphics memory of Approx. 1530MB* with dedicated GDDR3 Video Memory of 256MB
Comments	* Total Available Graphics Memory refers to the Windows Vista® classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size

Interfaces

4 Pin i.LINK™ (IEEE1394), 400 Mbps	1
DC in	1
Memory Stick™ Slot	1
Memory Stick™ Slot Type	Memory Stick™ Std / Duo, Memory Stick™ PRO Std / Duo, high speed data transfer
SD Card Slot	1
Microphone Jack (Stereo)	1
RJ-11 Direct Port (Modem)	1
RJ-45 Direct Port (Network)	1
USB Speed	High/Full/Low
USB Port (quantity)	3
USB Version	2.0
USB Connector Type	A
VGA Connector for Monitor	1
TV out	1
TV out type	HDMI
Audio out	1
Audio out Type(s)	Stereo Headphones/Speakers Jack
Express Card Slot	1
Express Card Slot Type	34mm

Connectivity

Built-in Modem	V.92/V.90
Integrated Wireless LAN	YES
Wireless LAN Max. Date Rate (Mbps)	300 (RX)/ 150 (TX)
Wireless LAN Range (m)	max. 100
Wireless LAN Type	802.11a/b/g/Draft n
Integrated Bluetooth (Version)	2.1 + EDR
Bluetooth Range (m)	10
Ethernet network	10BASE-T/100BASE-TX/1000BASE-T

Multimedia

Intel® High Definition Audio Compatible	YES
3D Surround	Dolby Sound Room®
Built-in Stereo Speakers	YES
Windows® Sound System Compatible	YES

Built-in Camera

Built-in 'Motion Eye' Digital Camera	YES
Frames per Second	max. 30
Image Sensor (Mega Pixels)	1.3
Motion Picture Function	YES
Motion Pictures max. Resolution (pixels)	1280x1024 (SXGA)

Keyboard Section

Touch Pad	1

Features

Special Buttons	Power button, Wireless switch, Short-cut Keys (S1), AV buttons
Auto Resolution	Plug and Display
Kensigton Lock	YES
Built-in Microphone	YES

Software

Audio	VAIO Music Box, Windows Media Player 11, SonicStage Mastering Studio 2.5
Video & TV	Me&My VAIO, VAIO Content Importer / Exporter, WinDVD BD 8 for VAIO, DivX Player & Converter, VAIO Movie Story
Photo	Picture Motion Browser, VAIO Movie Story
CD-DVD Burning	Easy Media Creator 10, Click to Disc/Editor
Home Network	VAIO Media Plus
Office Application	Adobe® Reader® 8.1, Microsoft® Office Trial 2007 (60 days Try & Buy)
Security & Other	McAfee® Internet Security Suite (with 60 days free virus updates), VAIO Recovery Utility 2.6 - HDD recovery (hidden partition), Google software package

Supplied Accessories

AC Adaptor	YES
Battery	YES
Power Cord	YES

Dimensions

Depth Main Unit (mm)	261
Height Main Unit (min - max in mm)	29 - 37
Width Main Unit (mm)	384
Weight with Supplied Battery and Supplied Drive (kg)	3.1

Battery

Battery Type	Lithium-Ion battery (VGP-BPS13A/S)
Battery Life Time (min)	170
Battery Charging Time (min)	220
Battery Life Disclaimer	Actual battery life will vary depending on your specific hardware and software configurations. Benchmark: MobileMark 2007

Guarantee

Months	12

OPTIONAL ACCESSORIES

VGPE-MBMDM01/B

Co-branded Mandarina Duck VAIO Messenger (up to 16.4') Black

VGP-BPS13A/S

Battery Pack for FW series

VGP-AC19V30

AC Adapter

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